

- 15 -

CLAIMS:

1. A method for adjusting a first hearing device based on
5 adjustments of a second hearing device, the method
comprising the steps of:

- converting an acoustic test signal into an electric
test signal by a microphone of the second hearing
device;
- 10 - converting an acoustic signal generated by a receiver
of the second hearing device into an electrical
signal;
- analyzing the electrical signal in an analyzing unit;
and
- 15 - adjusting the first hearing device based on results
obtained in the analysis performed in the analyzing
unit.

2. The method of claim 1, wherein the acoustic test signal
20 is generated in a control unit provided outside the hearing
devices.

3. The method of claim 1, wherein the acoustic test signal
is generated in the first hearing device.

25

4. The method of claim 1, wherein the step of analyzing the
electrical signal takes place in a control unit provided
outside the hearing devices.

- 16 -

5. The method of claim 2, wherein the step of analyzing the electrical signal takes place in the control unit.

6. The method of claim 3, wherein the step of analyzing the electrical signal takes place in a control unit provided outside the hearing devices.

7. The method of claim 1, wherein the step of analyzing the electrical signal takes place in a control unit provided inside the first hearing device.

8. The method of claim 3, wherein the step of analyzing the electrical signal takes place in a control unit provided inside the first hearing device.

9. The method of one of claims 1 to 8, further comprising the step of simultaneously feeding the acoustic test signal to a microphone of the first hearing device for its calibration.

10. The method of one of the claims 1 to 8, wherein a stationary or a speech-modulated noise is used as acoustic test signal.

11. The method of one of the claims 1, wherein an unmodulated noise with a level step of preferably 25 dB is used as acoustic test signal.

- 17 -

12. The method of one of the claims 1 to 8, further comprising the step of adjusting all available hearing programs of the first hearing device.

5 13. The method of one of the claims 1 to 8, further comprising the step of setting a sound level of 40 to 90 dB SPL for the acoustic test signal.

14. An apparatus comprising

- 10 - a first hearing device;
 - a second hearing device;
 - a loudspeaker generating a acoustic test signal;
 - a couple element containing a measurement microphone;
 - a control unit;

15 whereas the acoustic test signal is fed to a microphone of the second hearing device in which an acoustic signal is generated and recorded by the measurement microphone of the couple element, the measurement microphone being
operatively connected to the first hearing device which is
20 operatively connected to the control unit and to the loudspeaker.

15. The apparatus of claim 14, wherein a further couple element is provided to couple a receiver of the first
25 hearing device with a microphone of the second hearing device.

16. The apparatus of claim 14 or 15, wherein the acoustic test signal is a stationary or a speech-modulated noise.

- 18 -

17. The apparatus of claim 14 or 15, wherein the acoustic test signal is an un-modulated noise with a sound-level step of preferably 15 dB.

5

18. The apparatus of claim 14 or 15, wherein the acoustic test signal has a sound-level of at least 90 dB.

19. The apparatus of claim 14, wherein the adjustment in
10 the first hearing device is applied to all available hearing programs.

20. An apparatus comprising

- a first hearing device;
- 15 - a second hearing device;
- a couple element containing a measurement microphone;
- a further couple element;
- a control unit;

whereas a receiver of the first hearing device is coupled
20 to the microphone of the second hearing device by the further couple element and the receiver of the second hearing device is coupled to the measurement microphone of the couple element, the measurement microphone being
operatively connected to the second hearing device, and the
25 control unit being operatively connected to the first hearing device.

21. The apparatus of claim 20, wherein a loudspeaker is operatively connected to the control unit.

- 19 -

22. The apparatus of claim 20 or 21, wherein the acoustic test signal is a stationary or a speech-modulated noise.

5 23. The apparatus of claim 20 or 21, wherein the acoustic test signal is an un-modulated noise with a sound-level step of preferably 15 dB.

24. The apparatus of claim 20 or 21, wherein the acoustic
10 test signal has a sound-level of at least 90 dB.

25. The apparatus of claim 20, wherein the adjustment in the first hearing device is applied to all available hearing programs.